

Title (en)
Adjustable penetration depth syringe

Title (de)
Spritze mit einstellbarer Eindringtiefe

Title (fr)
Seringue profonde à pénétration réglable

Publication
EP 2853278 B1 20200325 (EN)

Application
EP 14186371 A 20140925

Priority
US 201314037904 A 20130926

Abstract (en)
[origin: EP2853278A2] A syringe is provided with an assembly received on the distal end for adjusting the penetration depth. In embodiments, the assembly includes a collar attached to the syringe hub which moves with respect to the needle between axial positions depending on the desired needle penetration depth. The adjustable penetration depth syringe is useful in the context of self-administered drugs such as insulin, where a longer length needle is needed to fill a syringe from a vial, but a shorter penetration depth is preferred for administering a subcutaneous injection.

IPC 8 full level
A61M 5/46 (2006.01)

CPC (source: EP US)
A61M 5/46 (2013.01 - EP US); **A61M 2205/58** (2013.01 - EP US)

Cited by
EP3439717A4; WO2017015540A1; WO2017177086A1; US11571523B2; WO2023086092A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2853278 A2 20150401; EP 2853278 A3 20150520; EP 2853278 B1 20200325; CA 2860698 A1 20150326; CA 2860698 C 20211019; CN 204428546 U 20150701; EP 3673938 A1 20200701; EP 3673938 B1 20210915; ES 2792927 T3 20201112; ES 2891585 T3 20220128; JP 3194715 U 20141204; US 10688256 B2 20200623; US 2015088067 A1 20150326; US 2018177956 A1 20180628; US 9937299 B2 20180410

DOCDB simple family (application)
EP 14186371 A 20140925; CA 2860698 A 20140827; CN 201420557806 U 20140926; EP 20157189 A 20140925; ES 14186371 T 20140925; ES 20157189 T 20140925; JP 2014005102 U 20140925; US 201314037904 A 20130926; US 201815903474 A 20180223